



# Midweek Winter Storm

January 31, 2022  
3:55 AM

Major winter storm to impact a large portion of the country

## Key Messages

- A major winter storm will impact central and southeast Illinois with heavy snow and ice accumulations
- Heavy rain will accumulate over southeast Illinois before the ice arrives
- Another round of very cold weather follows as the storm exits

NEW

## Important Updates

- Winter Storm Watch has been issued
- First snow and ice accumulation projections
- Timing breakdown included

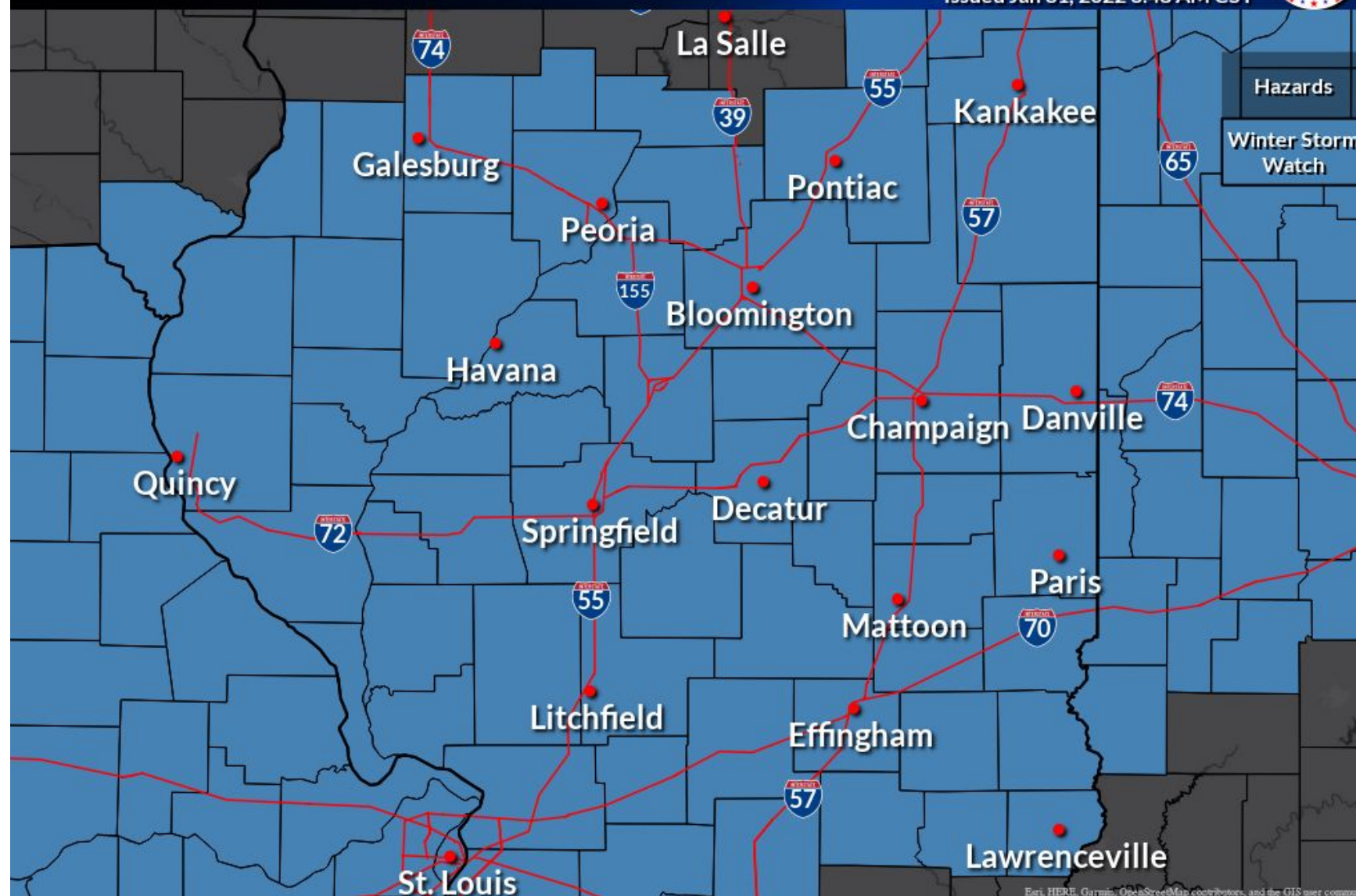
## Next Scheduled Briefing

- Monday, late afternoon

## Watches, Warnings and Advisories

Weather Forecast Office  
Lincoln, IL

Issued Jan 31, 2022 3:48 AM CST



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National Weather Service  
Lincoln, Illinois





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## Winter Storm Watch

### Watch Details



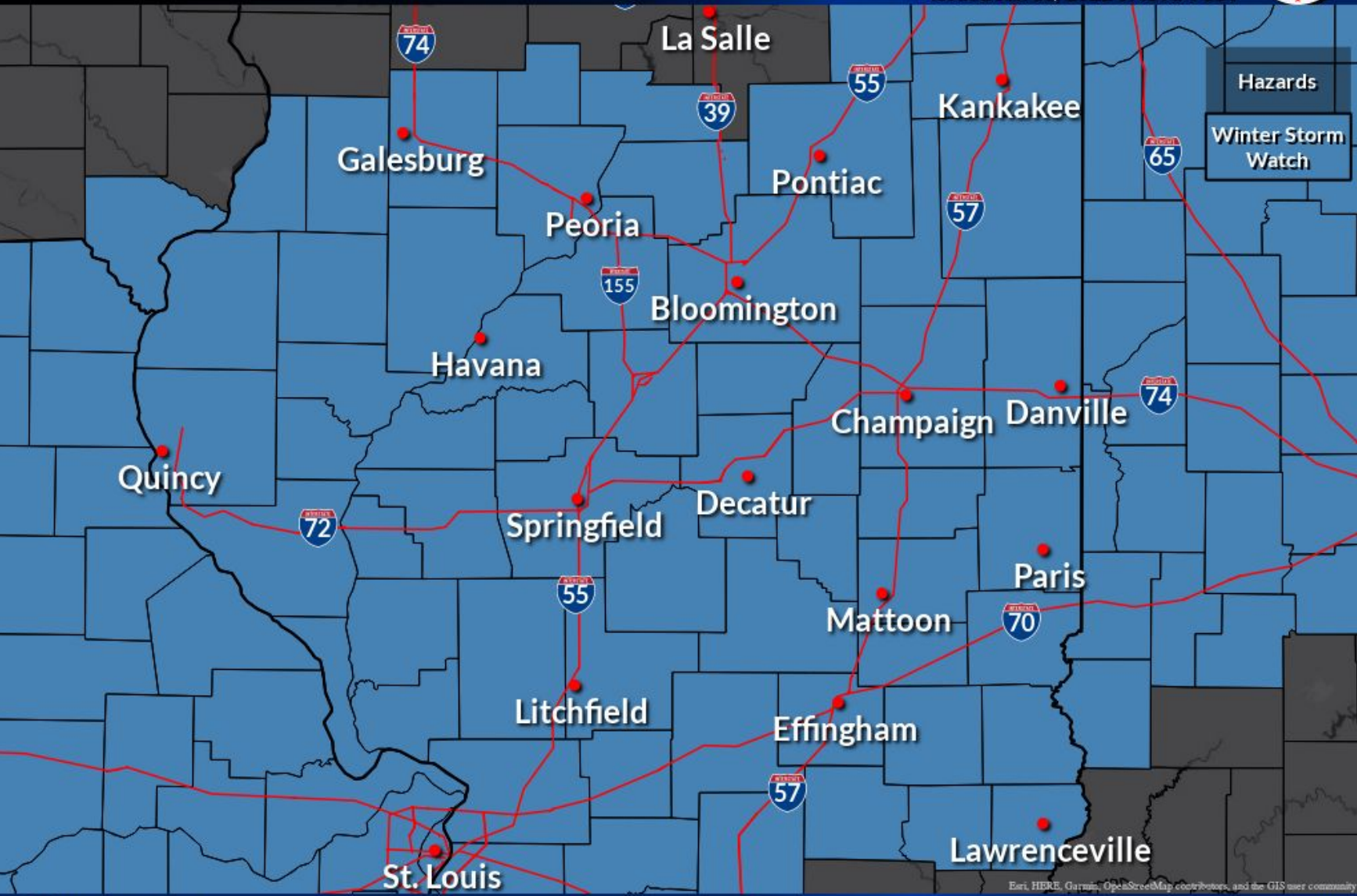
Begins Tuesday evening north of I-70,  
and Wednesday afternoon near and  
south of I-70

Watch in effect through Thursday  
evening

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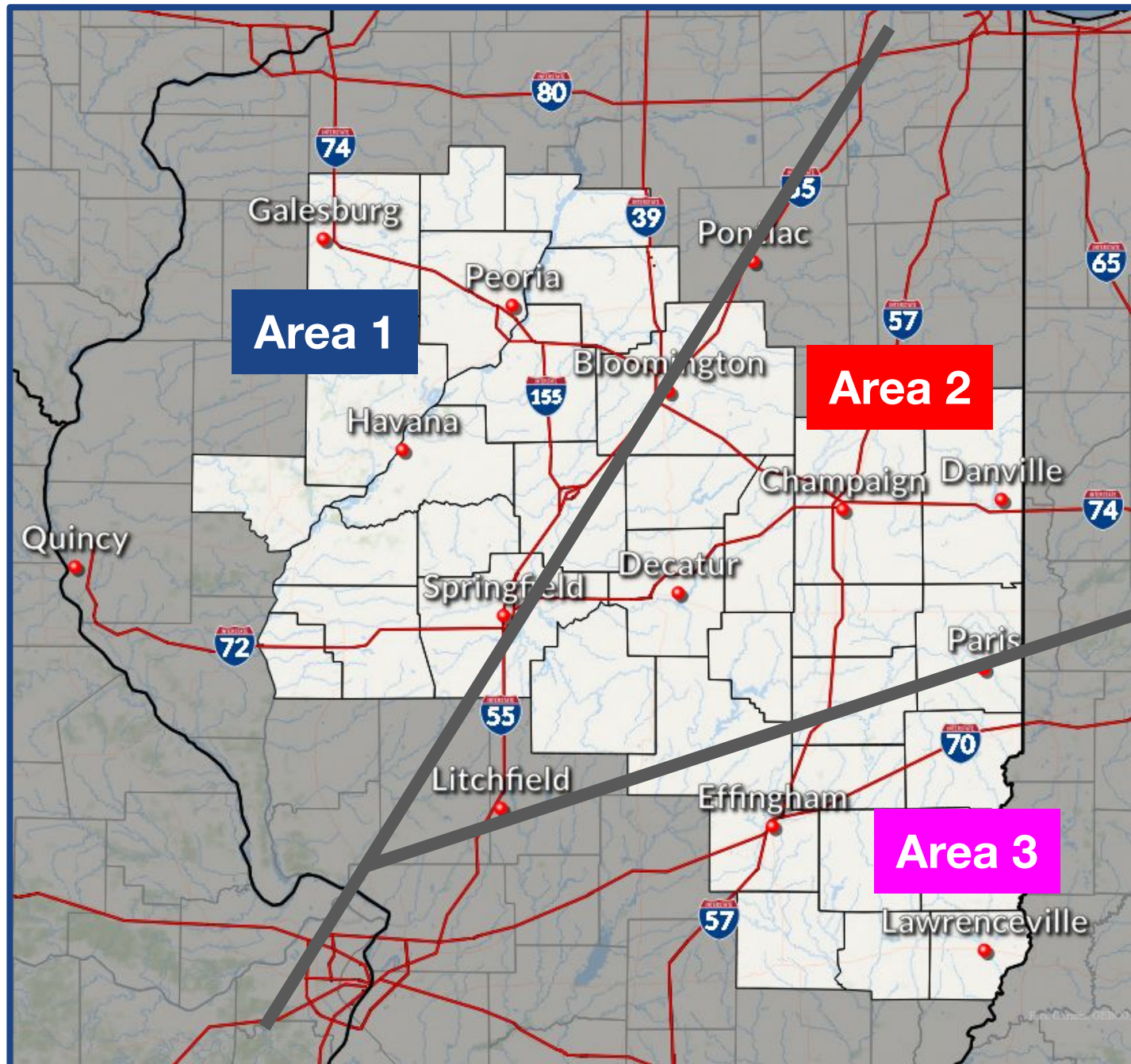




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## Storm Timing



### Area 1 (near and west of I-55):

- Rain mixing with and changing to snow Tuesday evening
- Heaviest accumulations: Tuesday night, and Wednesday night
- Ending Thursday afternoon

### Area 2 (east of I-55 and north of I-70):

- Rain changing to freezing rain Tuesday night after midnight, then to snow by daybreak
- Heaviest ice accumulation between midnight and sunset Wednesday
- Heaviest snow accumulation Wed. night and Thu. morning

### Area 3 (near and south of I-70):

- Wintry mix near I-70 Wednesday, spreading south Wednesday night into Thursday
- Mix changing to snow Thursday near I-70, may be heavy
- Heaviest ice accumulation: Wed. afternoon into Thu. morning
- Heaviest snow accumulation: Thursday



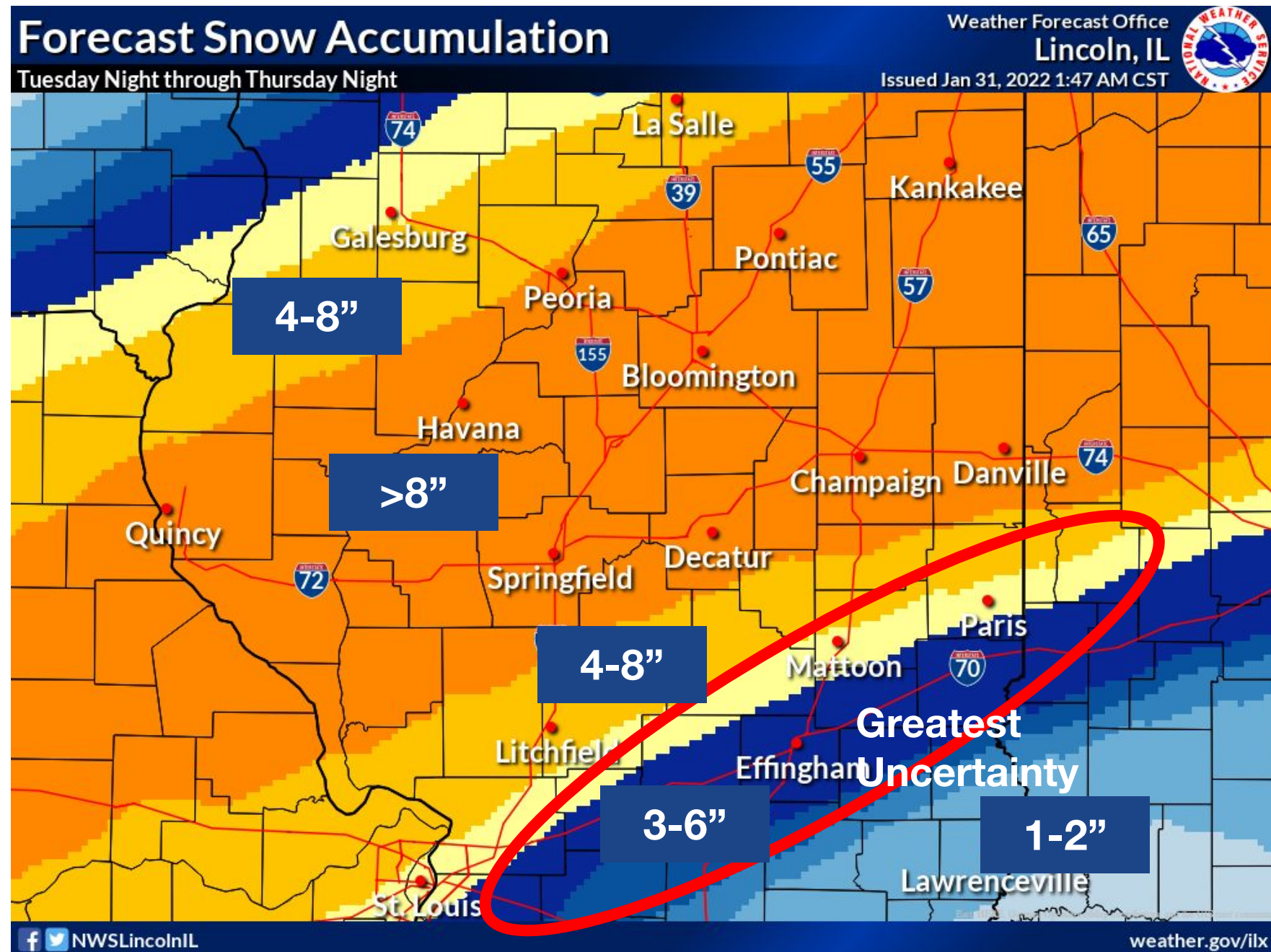




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## Snowfall Forecast



## Timing:

- Significant impacts begin Tuesday night north of I-70, and south of I-70 on Wednesday
- Potential for blowing snow Wednesday night and Thursday

## Expected Impacts:

- Travel nearly impossible at times
- Power outages possible

## Forecast Certainty:

- High confidence in location of heaviest snowfall
- Lower confidence near I-70 due to greater ice accumulation risk



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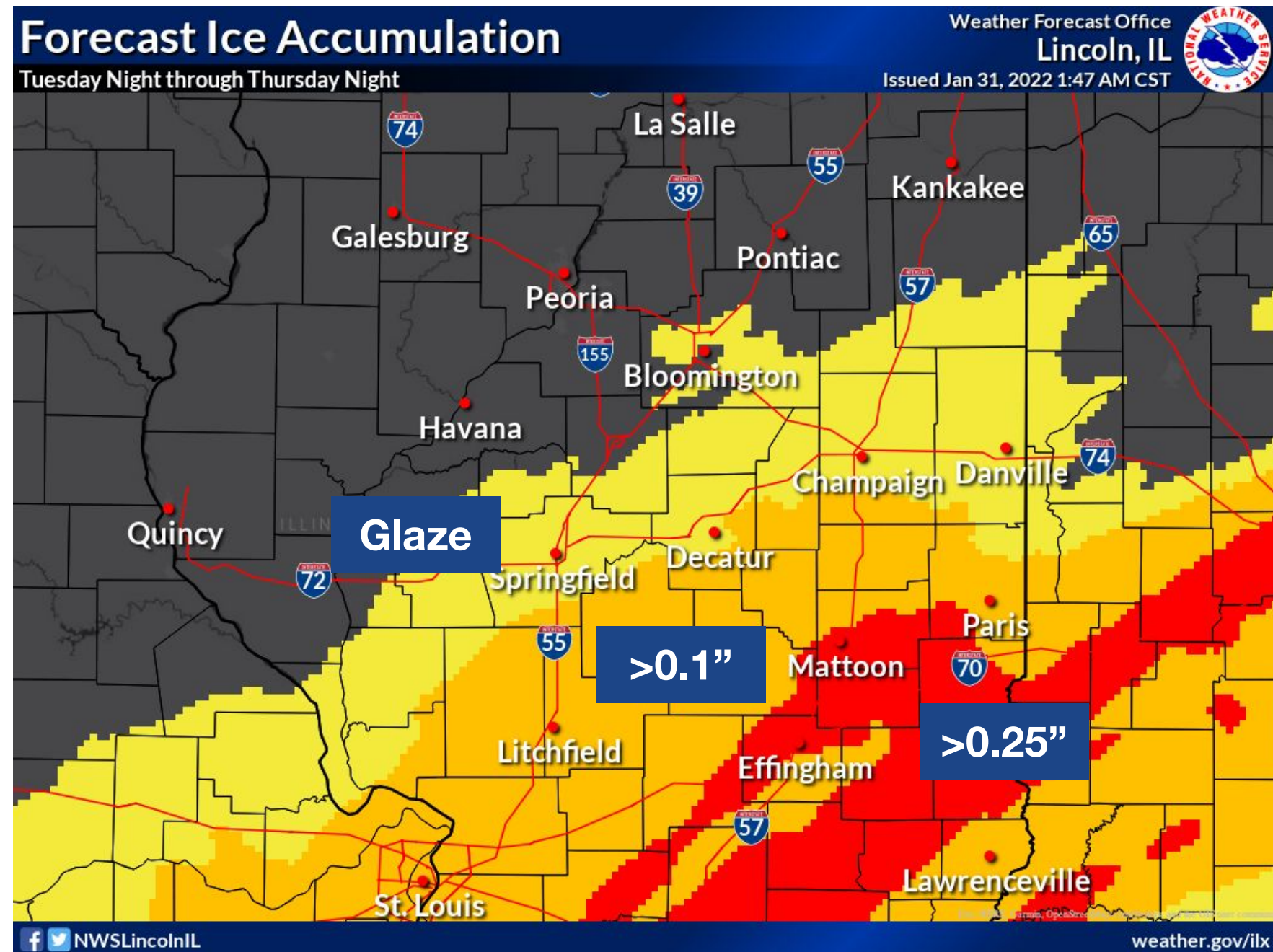




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## Ice Accumulation Forecast



### Timing:

- Ice threat begins after midnight Tuesday night north of I-70, and on Wednesday south of there
- Extended period of ice accumulation through Thursday evening south of I-70

### Expected Impacts:

- Extremely hazardous travel
- Potential for power outages

### Forecast Certainty:

- High confidence in occurrence of freezing rain
- Medium confidence on timing of greatest ice threat



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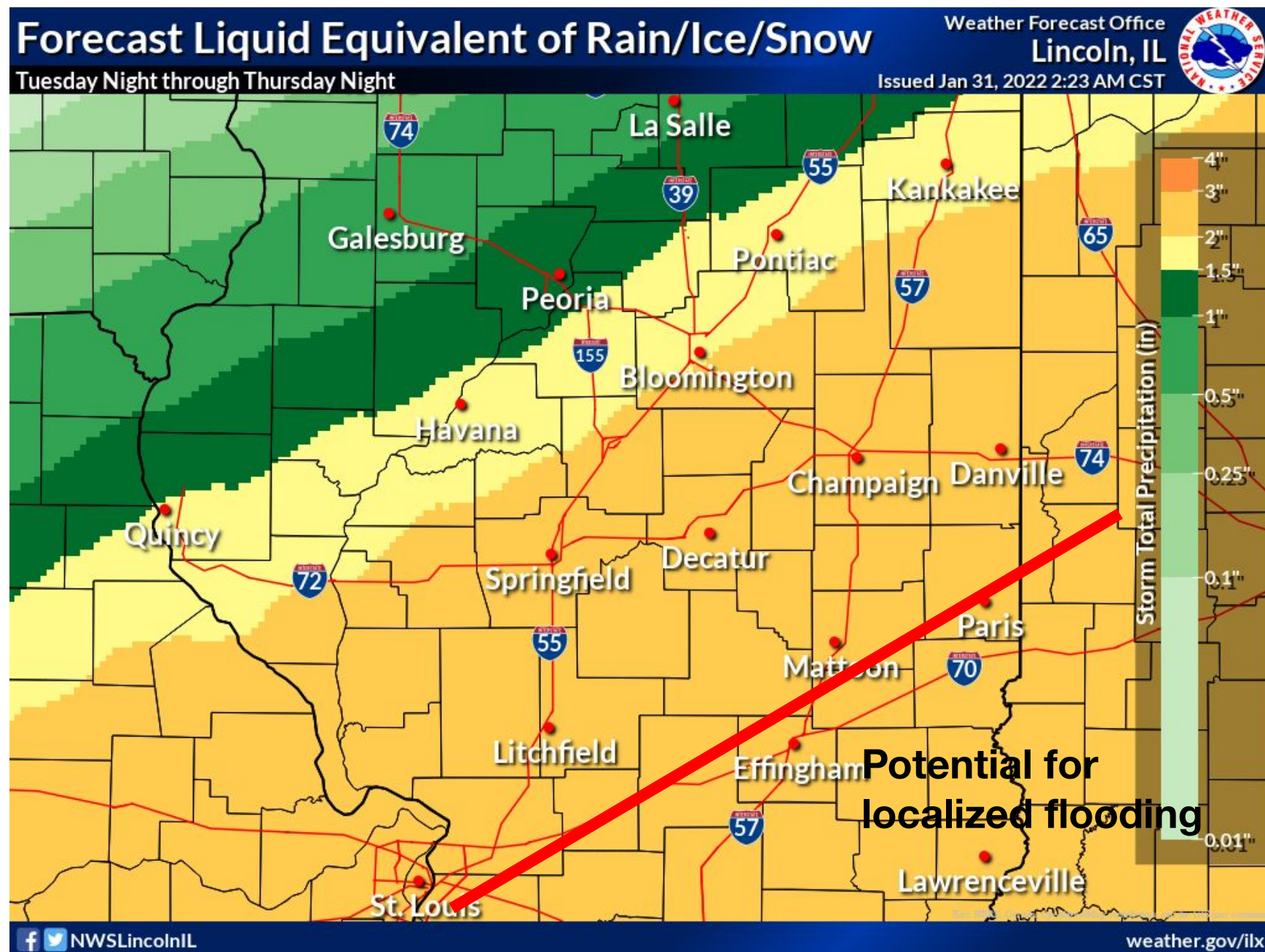
## Other concerns

### Heavy Precipitation

- The combination of rain and melted snow may exceed 2 inches, mostly near and east of I-55
- Heaviest precipitation south of I-70, with totals of 2-3 inches
- Ground is considerably frozen and runoff will be higher than usual
- Potential for minor flooding to develop on area rivers in southeast Illinois, where the rain switches to snow last

### Cold Weather Follows

- Wind chills below zero Thursday night and Friday night



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# WINTER STORM WATCH

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A Winter Storm Watch is issued when **heavy snow, sleet, or freezing rain is possible.**

Be prepared to adjust travel plans in case a Warning is issued.

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## Be Prepared.



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# WINTER STORM WARNING

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A Winter Storm Warning is issued when **heavy snow, sleet, or freezing rain is expected.**

Travel will become dangerous. Delay or adjust travel plans until conditions improve.

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## Take Action!